

Contents of volume 204

No 1: pp 1-78 published October 1994
 No 2: pp 79-156 published December 1994
 No 3: pp 157-218 published January 1995
 No 4: pp 219-280 published March 1995
 No 5: pp 281-350 published May 1995
 No 6: pp 351-412 published June 1995
 No 7-8: pp 413-514 published August 1995

Acknowledgement to referees 513

Aeschbach B → Schmid V

Agata K → Schmid V

Andéol Y: Early transcription in different animal species: implication for transition from maternal to zygotic control in development 3

André S → Kayser K

Anstrom JA, Fleming AM: Formation of sea urchin primary mesenchyme: cell shape changes are independent of epithelial detachment 146

Appel K → Wagner P

Ariizumi T, Asashima M: Head and trunk-tail organizing effects of the gastrula ectoderm of *Cynops pyrrhogaster* after treatment with activin A 427

Armstrong JB → Graveson AC

Asashima M → Ariizumi T

Astrow SH → Holton B

Baader CD, Heiermann R, Schuchert P, Schmid V, Plickert G: Temporally and spatially restricted expression of a gland cell gene during regeneration and in vitro transdifferentiation in the hydrozoan *Podocoryne carnea* 164

Barton SC → Fundele R

Bellen HJ → Kania A

Bender R, Surani MA, Kothary R, Li L-L, Fürst DO, Christ B, Fundele R: Tissue specific loss of proliferative capacity of parthenogenetic cells in fetal mouse chimeras 436

Bernardini S → La Mesa G

Billet L, Brink NG: Mutations in *supernova* indicate that this gene is required for the division of germ line cells in *Drosophila* 250

Billin AN, Poole SJ: Expression domains of the Cfla POU domain protein during *Drosophila* development 502

Böhm G → Kayser K

Boilly B, Oudghir M, Deudon E, Boilly-Marer Y, Hondermarck H: Nerve dependent sulphated glycosaminoglycan synthesis in limb regeneration of the newt *Pleurodeles waltl* 509

Boilly-Marer Y → Boilly B

Bozhkova V, Kronnig G te, Timmermans LPM: Mesoderm differentiation in explants of carp embryos 20

Brickell PM → Seleiro EAP

Brink NG → Billet L

Callaerts P, Vulsteke V, Peumans W, De Loof A: Lectin binding sites during *Drosophila* embryogenesis 229

Cannata SM → La Mesa G

Christ B → Bender R

Christ B → Fundele R

Counce SJ: Archives for Developmental

Mechanics: W. Roux, Editor (1894-1924) 79

Créton R, Zwaan G, Dohmen R: Retinoic acid modulates the pattern of cell division in embryos of *Lymnaea stagnalis* (Mollusca) 70

Daemen AJJM → Loon AE van

Dambly-Chaudière C → Huang F

Dawirs RR → Harzsch S

De Loof A → Callaerts P

Dege P → Scheucher M

Deudon E → Boilly B

Dieterlen-Lièvre F → Hlozanek I

Dohmen R → Créton R

Donaldo-Jacinto S → Kayser K

Eguchi G → Schmid V

Filoni S → La Mesa G

Fischer J-L: Eugene Bataillon (1864-1953) and traumatic parthenogenesis 281
 Fischer J-L: Yves Delage (1854-1920) and the ideology behind his research on fécondation 219

Fleming AM → Anstrom JA

Fritz P → Kayser K

Fujiwara S → Shimada M

Fundele R, Barton SC, Christ B, Krause R, Surani MA: Distribution of androgenetic cells in fetal mouse chimeras 484

Fundele R, Li L-L, Herzfeld A, Barton SC, Surani MA: Proliferation and differentiation of androgenetic cells in fetal mouse chimeras 494

Fundele R → Bender R

Fürst DO → Bender R

Gabius H-J → Kayser K

Garzino V → Xie F

Ghysen A → Huang F

Ginsburg A S †: Determination of the labyrinth in different amphibian species and its correlation with determination of the other ectoderm derivatives 351

Goedemans HJ → Kooij A van der

Goedemans HJ → Loon AE van

Goto S, Tanimura T, Hotta Y: Enhancer-trap detection of expression patterns corresponding to the polar coordinate system in the imaginal discs of *Drosophila melanogaster* 378

Granadino B → Sánchez L

Graveson AC, Hall BK, Armstrong JB: The relationship between migration and chondrogenic potential of trunk neural crest cells in *Ambystoma mexicanum* 477

Gröschel-Stewart U → Zimmermann A

Guay CK, Zalik SE: Expression of the 14 kDa and 16 kDa galactoside-binding lectins during differentiation of the chick yolk sac 126

Haina A → Zimmermann A

Hall BK → Graveson AC

Ham D → Strecker TR

Hamilton BA, Ho A, Zinn K: Targeted mutagenesis and genetic analysis of a *Drosophila* receptor-linked protein tyrosine phosphatase gene 187

Harbecke R, Lengyel JA: Genes controlling posterior gut development in the *Drosophila* embryo 308

Harzsch S, Dawirs RR: Neurogenesis in larval stages of the spider crab *Hya araneus* (Decapoda, Brachyura): proliferation of neuroblasts in the ventral nerve cord 93

Heiermann R → Baader CD

Helden J van → Huang F

Henry JJ, Raff RA: Progressive determination of cell fates along the dorsoventral axis in the sea urchin *Heliocidaris erythrogramma* 62

Herzfeld A → Fundele R

Hescheler J → Wobus AM

Hille S → Scheucher M

Hlozanek I, Luton D, Dieterlen-Lièvre F, Jaffredo T: Heart targeting of retroviral expression in avian embryos: a species-independent phenomenon 212

Ho A → Hamilton BA

Hoever M → Wagner P

Holton B, Wedeen CJ, Astrow SH, Weisblat DA: Localization of polyadenylated RNAs during teloplasm formation and cleavage in leech embryos 46

Hondermarck H → Boilly B

Hotta Y → Goto S

Huang F, Helden J van, Dambly-Chaudière C, Ghysen A: Contribution of the gene *extramacrochaetae* to the precise positioning of bristles in *Drosophila* 336

Ishizuya-Oka A, Shimozaawa A, Takeda H, Shi Y-B: Cell-specific and spatio-temporal expression of intestinal fatty acid-binding protein gene during amphibian metamorphosis 150

Ito K, Urban J, Technau GM: Distribution, classification, and development of *Drosophila* glial cells in the late embryonic and early larval ventral nerve cord 284

Jaffredo T → Hlozanek I

Kaltner H → Kayser K

Kamio K → Tabata T

Kaneda T → Tabata T

Kania A, Bellen HJ: Mutations in *neuro-musculin* a gene encoding a cell adhesion molecule, cause nervous system defects 259

Katsoris PG → Zervas CG

Kawamura K → Shimada M

Kayser G → Kayser K

Kayser K, André S, Böhm G, Donaldo-Jacinto S, Fritz P, Kaltner H, Kayser G, Kunze W-P, Nehrlich A, Zeng F-Y, Gabius H-J: Developmental regulation of presence of binding sites for neoglycoproteins and endogenous lectins in various embryonic stages of human lung, liver and heart 344

Knöchel W → Scheucher M

Knöchel W → Wagner P

- Kodama R, Yoshida A, Mitsui T: Programmed cell death at the periphery of the pupal wing of the butterfly, *Pieris rapae* 418
- Koga C, Tashiro K, Shiokawa K: Different spatial distribution of mRNAs for activin receptors (type IIA and IIB) and follistatin in developing embryos of *Xenopus laevis* 172
- Kon PS → Strecker TR
- Kooij A van der, Goedemans HJ, Loon AE van: Localization and quantification of cyclin A and B mRNA during the embryonic development of *Patella vulgata* 157
- Kosaka J → Schmid V
- Kothary R → Bender R
- Kramer B → Stroband HWJ
- Krause R → Fundele R
- Kronnie G te → Bozhkova V
- Kronnie G te → Stroband HWJ
- Kunze W-P → Kayser K
- Kutsch W → Steffens G
- La Mesa G, Bernardini S, Cannata SM, Filoni S: *Xenopus laevis* tadpole limb regeneration in vivo and in vitro: thyroxine directly promotes blastemal cell proliferation and morphogenesis 223
- Laughon A → Nelson HB
- Lay M → Leitz T
- Lef J → Scheucher M
- Leitz T, Lay M: Metamorphosis A is a neuropeptide 276
- Lengyel JA → Harbecke R
- Li L-L → Bender R
- Li L-L → Fundele R
- Li P → Strecker TR
- Loon AE van, Goedemans HJ, Weijters MEM, Daemen AJJM: Onset of transcription in *Patella vulgata* coincides with cell cycle elongation and expression of tubulin genes 193
- Loon AE van → Kooij A van der
- Luton D → Hlozanek I
- Madhavan K, Madhavan MM: Defects in the adult abdominal integument of *Drosophila* caused by mutations in *torpedo*, a DER homolog 330
- Madhavan MM → Madhavan K
- Maltsev V → Wobus AM
- Marikawa Y, Yoshida S, Satoh N: Muscle determinants in the ascidian egg are inactivated by UV irradiation and the inactivation is partially rescued by injection of maternal mRNAs 180
- Marmaras VJ → Zervas CG
- Matranga V, Yokota Y, Zito F, Tesoro V, Nakano E: Biochemical and immunological relationships among fibronectin-like proteins from different sea urchin species 413
- Matsushita S: Fate mapping study of the splanchnopleural mesoderm of the 1.5-day-old chick embryo 392
- McGhee SA → Strecker TR
- Meier T → Xie F
- Mitsui T → Kodama R
- Montenarh M → Wagner P
- Nakano E → Matranga V
- Nehrlich A → Kayser K
- Nelson HB, Laughon A: *Drosophila* glial development is regulated by genes involved in the control of neuronal cell fate 118
- Niemuth J, Wolf R: Developmental asynchrony caused by steep temperature gradients does not impair pattern formation in the wasp, *Pimpla turionellae* L. 444
- Oudghir M → Boilly B
- Peumans W → Callaerts P
- Plickert G → Baader CD
- Poole SJ → Billin AN
- Prokop A, Technau GM: BrdU incorporation reveals DNA replication in non-dividing glial cells in the larval abdominal CNS of *Drosophila* 54
- Raff RA → Henry JJ
- Reber-Müller S → Schmid V
- Reichert H → Steffens G
- Reichert H → Xie F
- Rohwedel J → Wobus AM
- Rowe A → Seleiro EAP
- Samallo J → Stroband HWJ
- Sánchez L, Granadino B, Vicente L: Clonal analysis in hybrids between *Drosophila melanogaster* and *Drosophila simulans* 112
- Sass H: Interspecific transgenic analysis of basal versus heat-shock-induced expression of a *Drosophila pseudoobscura* hsp82-neo fusion gene in *D. melanogaster* 101
- Satoh N → Marikawa Y
- Scheucher M, Dege P, Lef J, Hille S, Knöchel W: Transcription patterns of four different fork head/HNF-3 related genes (XFD-4, 6, 9 and 10) in *Xenopus laevis* embryos 203
- Schipper H → Stroband HWJ
- Schmid V, Aeschbach B, Agata K, Kosaka J, Reber-Müller S, Sprenger N, Eguchi G: Cell adhesion to extracellular matrix is different in marine hydrozoans compared with vertebrates 465
- Schmid V → Baader CD
- Schreck JA → Strecker TR
- Schuchert P → Baader CD
- Seleiro EAP, Rowe A, Brickell PM: The chicken retinoid-X-receptor- α (RXR- α) gene and its expression in the developing limb 244
- Shi Y-B → Ishizuya-Oka A
- Shimada M, Fujiwara S, Kawamura K: Expression of genes for two C-type lectins during budding of the ascidian *Polyandrocarpa misakiensis* 406
- Shimozawa A → Ishizuya-Oka A
- Shiokawa K → Koga C
- Smith SK → Strecker TR
- Sprenger N → Schmid V
- Steffens G, Xie F, Kutsch W, Reichert H: Segmental differentiation processes in embryonic muscle development of the grasshopper 453
- Stevens C → Stroband HWJ
- Strecker TR, Li P, McGhee SA, Ham D, Smith SK, Schreck JA, Youn SJ, Kon PS: The effects of the glucocorticoid dexamethasone on the development of the *Drosophila* embryo 359
- Stroband HWJ, Stevens C, Kronnie G te, Samallo J, Schipper H, Kramer B, Timmermans LPM: Expression of *carp-cdx1*, a caudal homolog, in embryos of the carp, *Cyprinus carpio* 369
- Surani MA → Bender R
- Surani MA → Fundele R
- Suzuki AS → Tabata T
- Suzuki AS → Yamamoto Y
- Tabata T, Kamio K, Tajima T, Kaneda T, Suzuki AS: *pag* gene-like protein (ABP-25) of the *Cynops* embryo: regional distribution and gene expression during early embryogenesis 400
- Tajima T → Tabata T
- Takeda H → Ishizuya-Oka A
- Tanimura T → Goto S
- Tashiro K → Koga C
- Technau GM → Ito K
- Technau GM → Prokop A
- Tesoro V → Matranga V
- Therianos S → Xie F
- Timmermans LPM → Bozhkova V
- Timmermans LPM → Stroband HWJ
- Urban J → Ito K
- Vicente L → Sánchez L
- Vulsteke V → Callaerts P
- Wagner P, Hoever M, Appel K, Knöchel W, Montenarh M: Fission yeast tms1 protein abrogates normal development in *Xenopus laevis* embryos 198
- Wedeen CJ → Holton B
- Weijters MEM → Loon AE van
- Weisblat DA → Holton B
- Wobus AM, Rohwedel J, Maltsev V, Hescheler J: In vitro differentiation of embryonic stem cells into cardiomyocytes or skeletal muscle cells is specifically modulated by retinoic acid 36
- Wolf R → Niemuth J
- Xie F, Garzino V, Therianos S, Meier T, Reichert H: Embryonic expression of muscle-specific antigens in the grasshopper *Schistocerca gregaria* 141
- Xie F, Meier T, Reichert H: Antibody block of a neural-tissue-specific glycoconjugate perturbs growth cone guidance of an identified interneuron in the grasshopper 75
- Xie F → Steffens G
- Yamamoto Y, Suzuki AS: Two essential processes in the formation of a dorsal axis during gastrulation of *Cynops* embryo 11
- Yokota Y → Matranga V
- Yoshida A → Kodama R
- Yoshida S → Marikawa Y
- Youn SJ → Strecker TR
- Zalik SE → Guay CK
- Zeng F-Y → Kayser K
- Zervas CG, Katsoris PG, Marmaras VJ: Expression of the major tyrosyl phosphoprotein of 54 kDa in the integument of the medfly *Ceratitis capitata* 30
- Zimmermann A, Haina A, Gröschel-Stewart U: Neural and smooth muscle development in the chicken gizzard 271
- Zinn K → Hamilton BA
- Zito F → Matranga V
- Zwaan G → Créton R

